



(19)

JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **11068456 A**
 (43) Date of publication of application: **09.03.1999**

(51) Int. Cl. **H01Q 23/00**
H01P 1/15, H01Q 1/24, H01Q 13/08, H04B 1/18

(21) Application number: **09222606**
 (22) Date of filing: **19.08.1997**

(71) Applicant: **MURATA MFG CO LTD**
 (72) Inventor: **KAWABATA KAZUYA**

(54) **SURFACE MOUNTING ANTENNA**

COPYRIGHT: (C)1999,JPO

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a surface mounting antenna by which plural resonance frequencies are obtained.

SOLUTION: A surface mounting antenna 1 is provided with a frequency switching means 6 with a diode 9. Plural resonance frequencies are achieved by turning the diode 9 on/off by adjusting a voltage to be impressed on the frequency switching means 6 and adjusting an inductance component by turning conductive all of first to third tracks 3a, 3b, 3c to constitute a radiation electrode 3 or turning only two of the tracks conductive.

